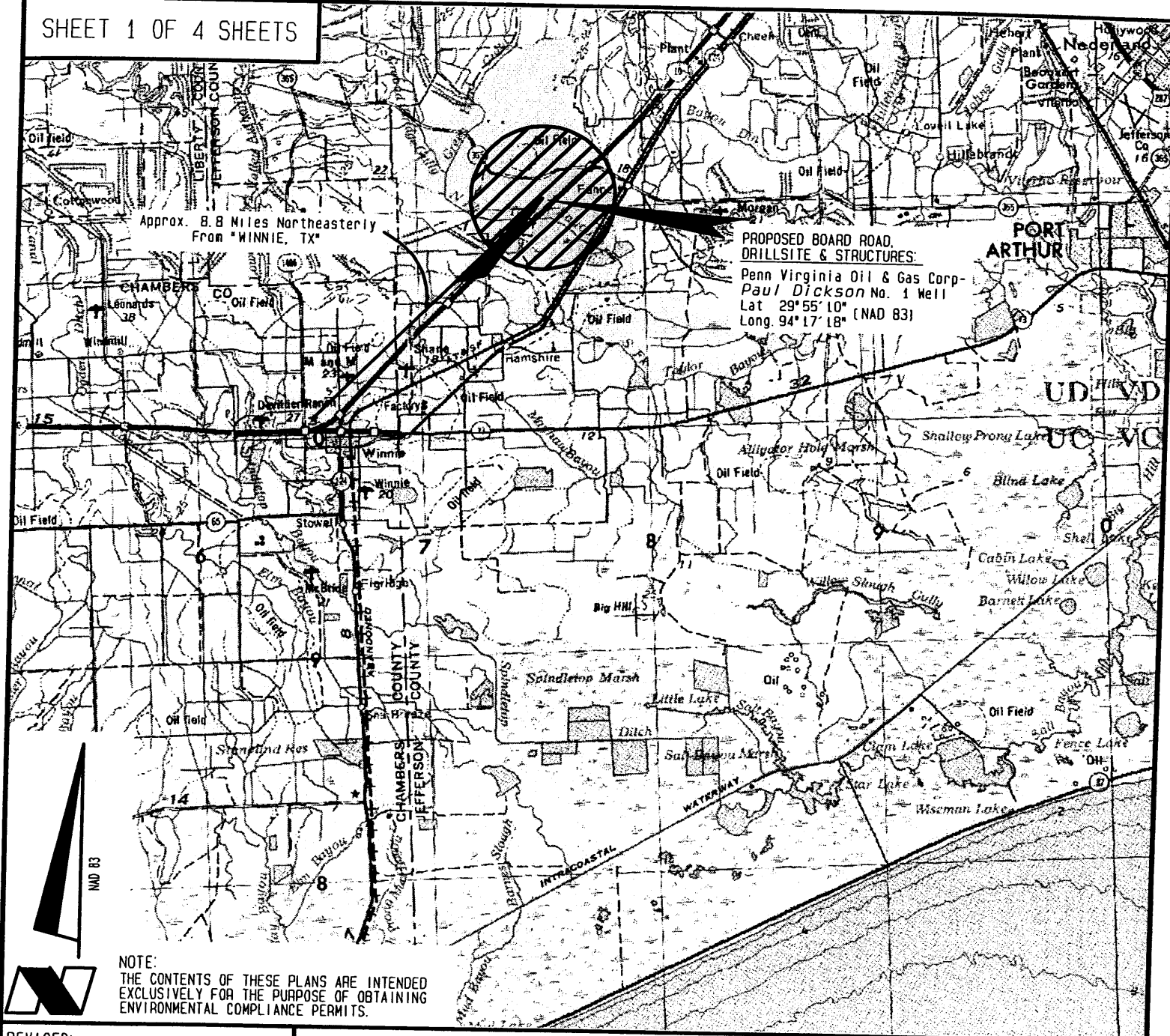


SHEET 1 OF 4 SHEETS



REVISED:

Topography obtained from U.S. Geological Survey Maps
"BAY CITY, TX.", 1974 Edition, "HOUSTON, TX.", 1977 Edition.

VICINITY MAP

Scale: 1:250,000

Drawn By: KJD
Proj. Mgr.: CNO

Application By:

PENN VIRGINIA OIL & GAS CORP

February 5, 2004

PROPOSED BOARD ROAD, DRILLSITE & STRUCTURES

For Drilling Paul Dickson No. 1 Well

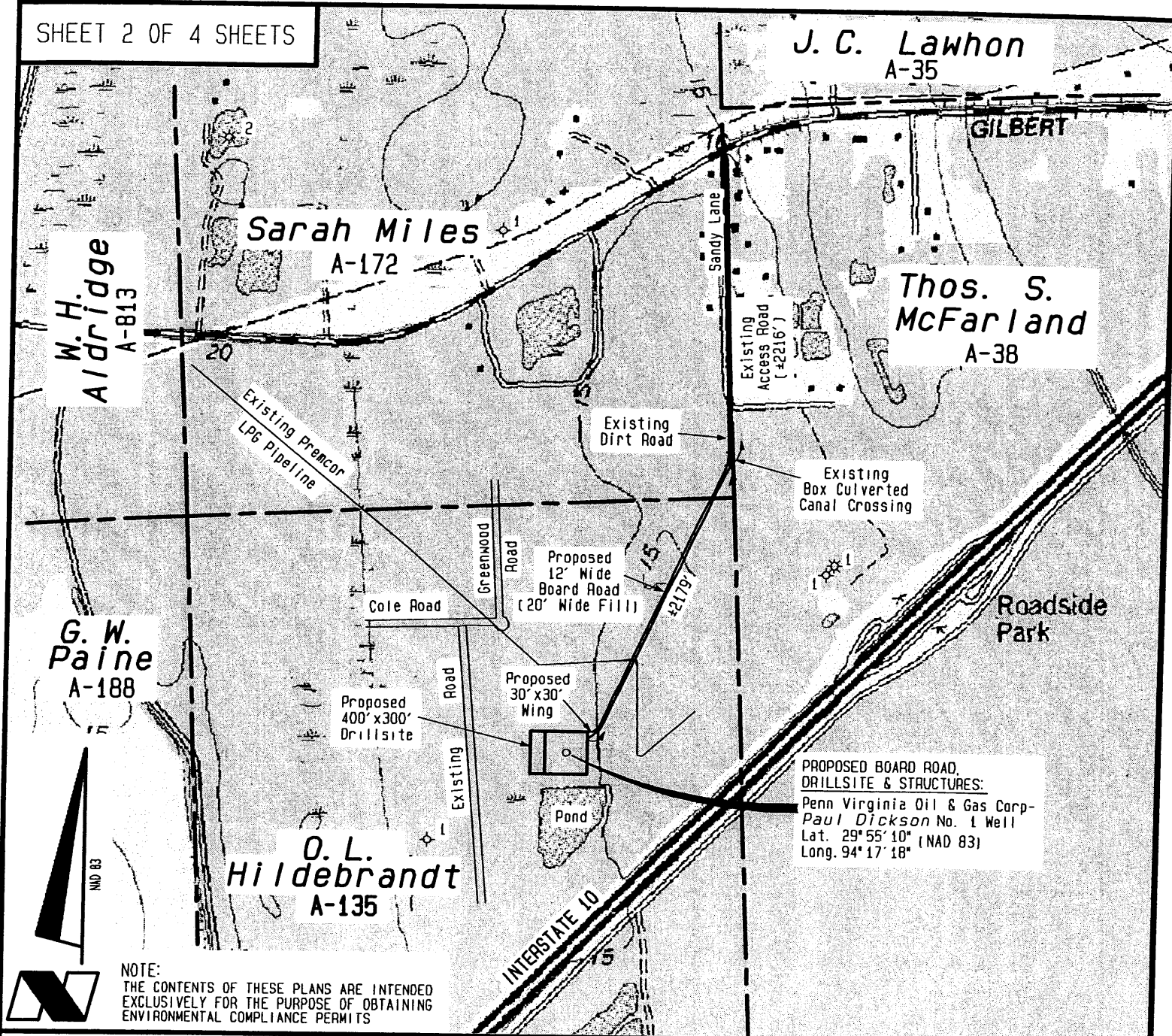
O.L. Hildebrandt Survey, A-135

Jefferson County, Texas

i:/infocad/pcx/usgs_texas/Hous250k
2033810 i:/infocad/Texas/IMAGE1 2

PREPARED BY: C.H. Fenstermaker & Associates, Inc., Lafayette & New Orleans, Louisiana & Houston, Texas

SHEET 2 OF 4 SHEETS



REVISED:

Topography obtained from U.S. Geological Survey Quadrangle
"FANNETT WEST, TEXAS", 1993 Edition.

VICINITY MAP

Scale: 1" = 1000'

Application By:

PENN VIRGINIA OIL & GAS CORP

February 5, 2004

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2033810 i: infocad/texas/jefcoplt 135

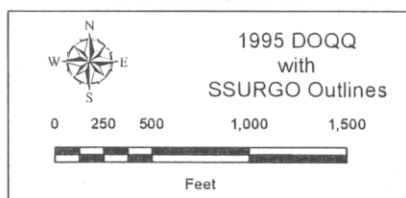
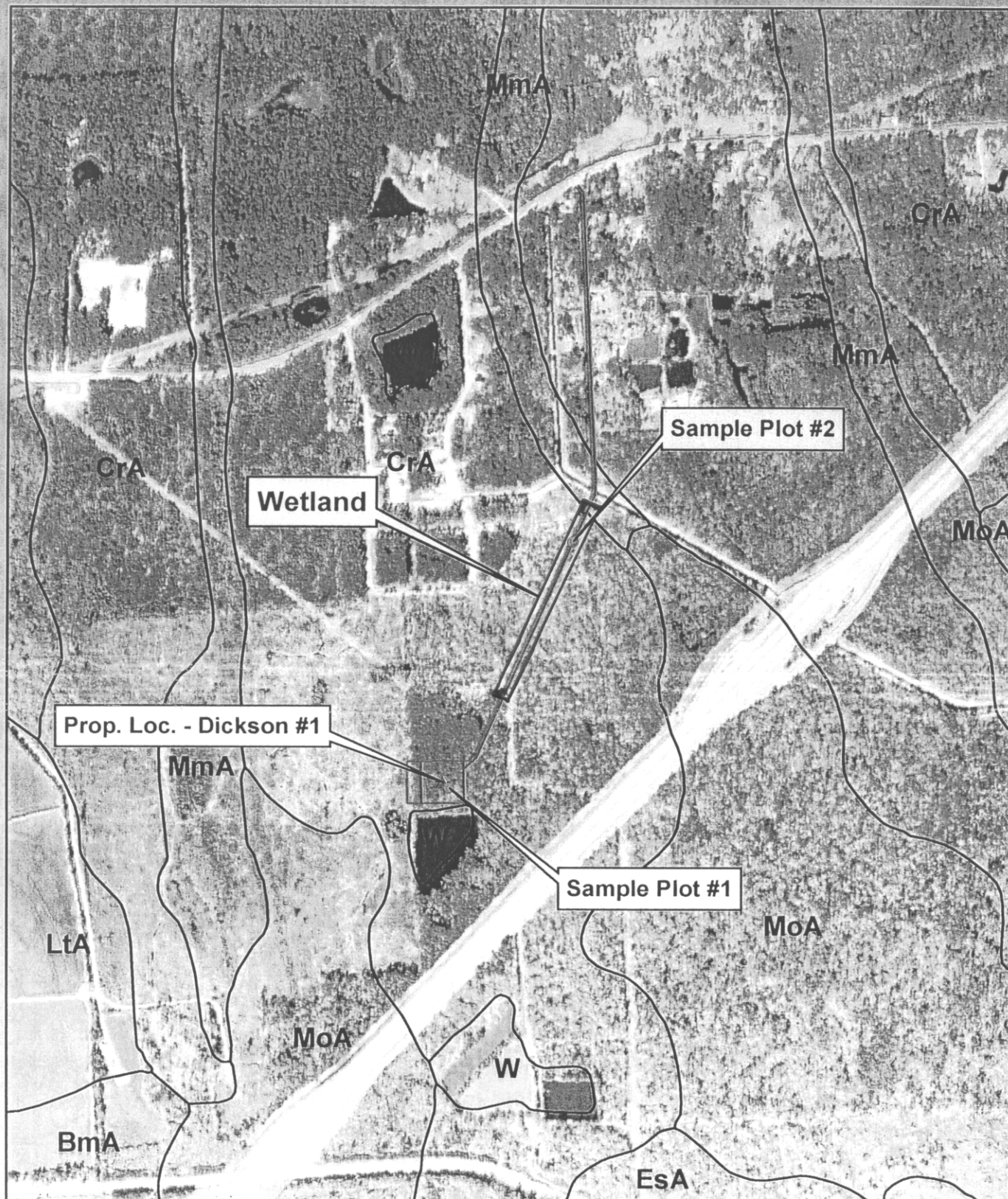
PROPOSED BOARD ROAD, DRILLSITE & STRUCTURES

For Drilling *Paul Dickson* No. 1 Well

O. L. Hildebrandt Survey, A-135

Jefferson County, Texas

PREPARED BY: C. H. Fenstermaker & Associates, Inc., Lafayette & New Orleans, Louisiana, & Houston, Texas



Wetland Sample Points **Penn Virginia Oil & Gas Corp.** **Paul Dickson #1** **Jefferson County, Texas**

C. H. Fenstermaker & Associates, Inc.

Chief Engineer

Lafayette
675 Bering Drive, Suite 260
Houston, TX 77057

Robert Henge
at 675 Bering Drive, Suite 260
Houston, TX 77057

Environmental Consultants

Houston
675 Bering Drive, Suite 260
Houston, TX 77057
713-840-9995

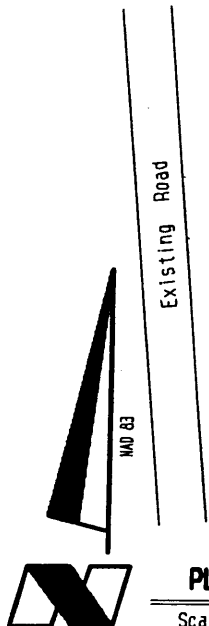
Field Services

New Orleans
675 Bering Drive, Suite 260
Houston, TX 77057

Nashville
675 Bering Drive, Suite 260
Houston, TX 77057

Sid 52002

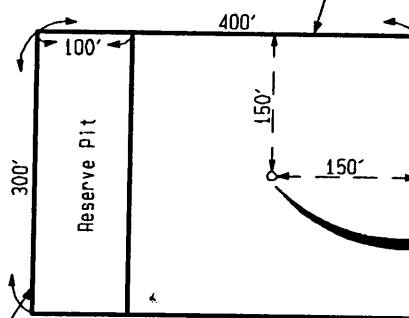
SHEET 3 OF 4 SHEETS



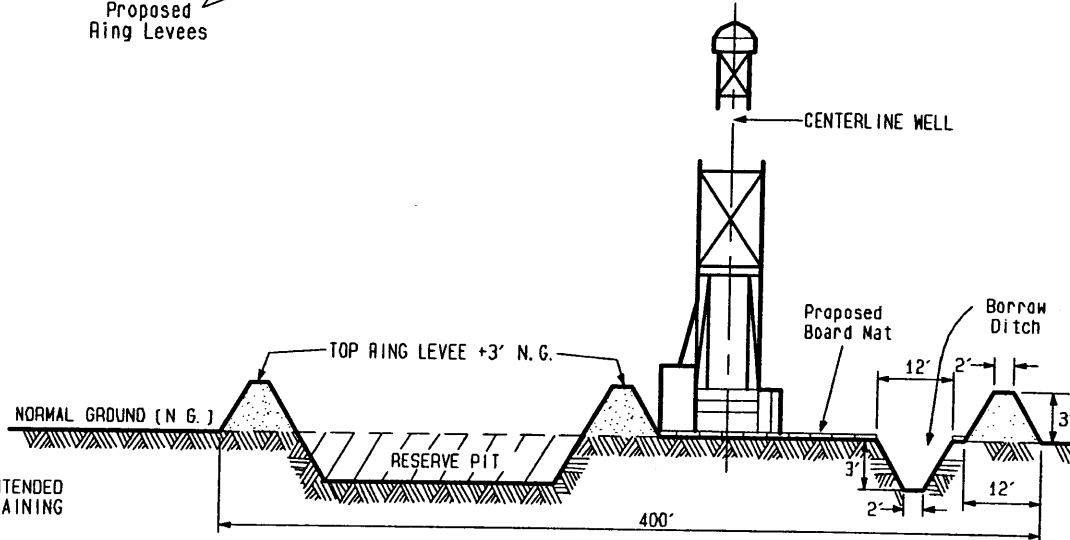
Topography obtained from U.S. Geological Survey Quadrangle
"FANNETT WEST, TEXAS", 1993 Edition.

O. L.
Hildebrandt
A-135

Proposed
Ring Levees



PROPOSED BOARD ROAD,
DRILLSITE & STRUCTURES:
Penn Virginia Oil & Gas Corp-
Paul Dickson No. 1 Well
Lat. 29°55'10" (NAD 83)
Long 94°17'18"



TYPICAL CROSS-SECTION OF DRILLSITE
NO SCALE

NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED
EXCLUSIVELY FOR THE PURPOSE OF OBTAINING
ENVIRONMENTAL COMPLIANCE PERMITS.

REVISED:

Application By:

PENN VIRGINIA OIL & GAS CORP

February 5, 2004

PROPOSED BOARD ROAD, DRILLSITE & STRUCTURES

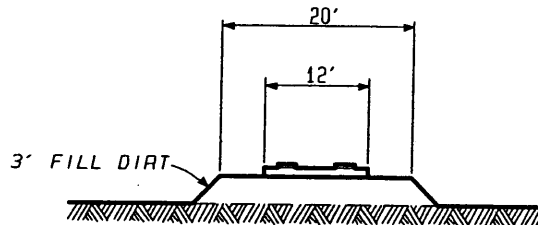
For Drilling *Paul Dickson* No. 1 Well

O.L. Hildebrandt Survey, A-135

Jefferson County, Texas

SHEET 4 OF 4 SHEETS

FILL REQUIRED FOR PROPOSED ACCESS ROAD. 4842 CU. YDS.
FILL REQUIRED FOR RING LEVEES 1322 CU. YDS.



TYPICAL BOARD ROAD

No Scale

NOTES:

1. Material for drillsite levees will be taken from within the leveed perimeter.
2. The drillsite and ring levees will be degraded within 90 days following abandonment. The material will be deposited to the extent practicable into the borrow areas from which the material was excavated and the area leveled and restored to as near preproject conditions as practicable.
3. In the event the well is productive, boards may be replaced with gravel or other suitable permitizing material and the area restored except for the minimum area required for production.
4. Closure procedures, including onsite land treatment and/or offsite disposal of mud pit contents and other drilling residues, shall be conducted in accordance with appropriate Federal and State Regulations.

NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED
EXCLUSIVELY FOR THE PURPOSE OF OBTAINING
ENVIRONMENTAL COMPLIANCE PERMITS.

REVISED:

Application By:

PENN VIRGINIA OIL & GAS CORP

February 5, 2004

PROPOSED BOARD ROAD, DRILLSITE & STRUCTURES

For Drilling *Paul Dickson* No. 1 Well

O. L. Hillbrandt Survey, A-135

Jefferson County, Texas